

TSI-1-NA Touchscreen Interface

 **WARNING**

Risk of Fire, Electrical Shock, Cuts or other Casualty Hazards- Installation and maintenance of this product must be performed by a qualified electrician. This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and hazards involved. For continued protection against shock hazard replace all covers and guards after field wiring is completed.



Risk of Fire and Electric Shock- Make certain power is OFF before starting installation or attempting any maintenance. Disconnect power at fuse or circuit breaker. WaveLinx Wired models may contain circuits from more than one power source.



Risk of Burn- Disconnect power and allow fixture to cool before handling or servicing.



Risk of Personal Injury- Due to sharp edges, handle with care. Always use at least two people when lifting and mounting heavy or large units



Failure to comply with these instructions may result in serious injury (including death) and property damage.

DISCLAIMER OF LIABILITY: Cooper Lighting Solutions assumes no liability for damages or losses of any kind that may arise from the improper, careless, or negligent installation, handling or use of this product.

IMPORTANT: Read carefully before installing fixture. Retain for future reference.

NOTICE: Fixture may become damaged and/or unstable if not installed properly.

Note: Specifications and dimensions subject to change without notice.

ATTENTION Receiving Department: Note actual fixture description of any shortage or noticeable damage on delivery receipt. File claim for common carrier (LTL) directly with carrier. Claims for concealed damage must be filed within 15 days of delivery. All damaged material, complete with original packing must be retained.

NOTICE: If a room is wired for two circuits using two separate hot leads, it is very important to connect only one circuit per relay. Both circuits must be fed from the same phase.

NOTICE: Ensure that all modules are firmly seated on the DIN rails before beginning field wiring.

NOTICE: The high voltage supply should be fed to the cabinet via an external isolation breaker with sufficient capacity for the planned installation.

NOTICE: Ensure that the supply is fully isolated at an external breaker before opening doors. Test that power has been removed before starting to handle conductors.

NOTICE: Ensure that high voltage and low voltage wiring remains separate.

NOTICE: All new wiring must be fully verified before applying power.

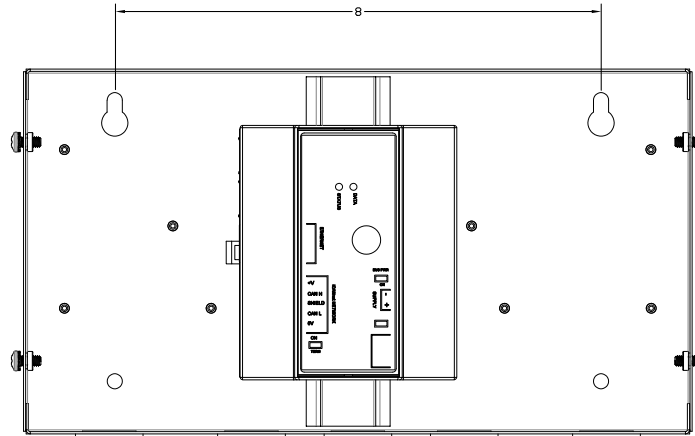
NOTICE: Designed for indoor installation and use only. Dry location rated. Do not mount on metal surface.

Overview

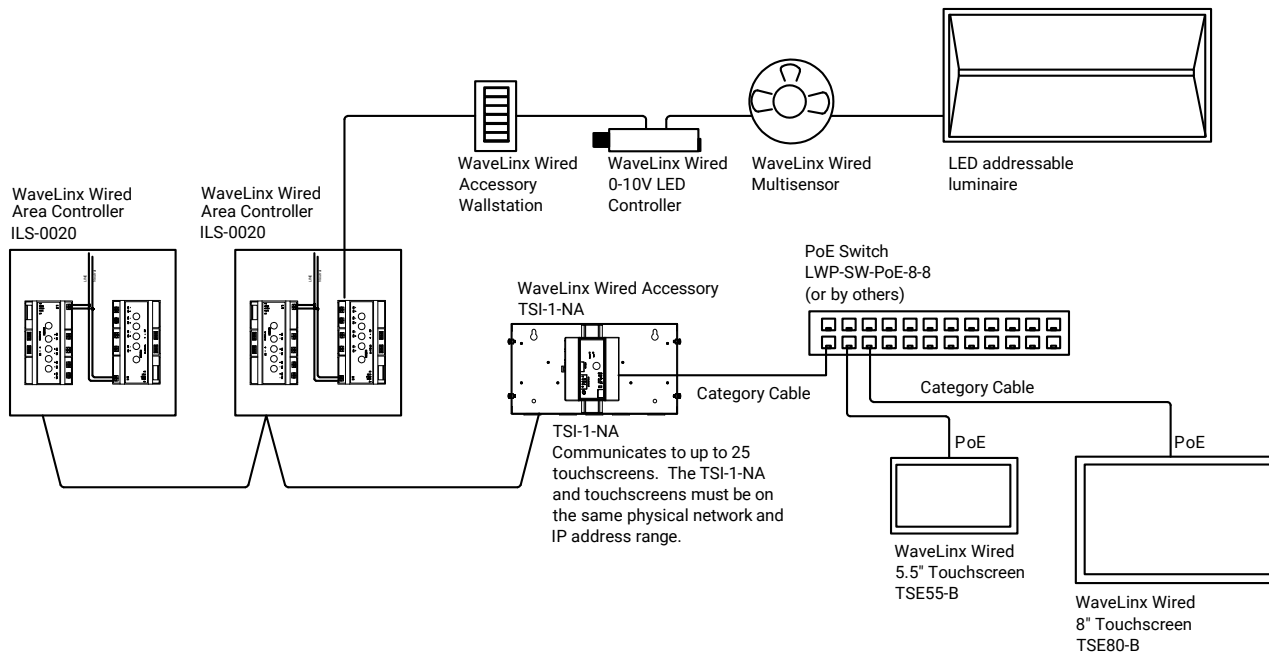
The TSI-1-NA Touchscreen Interface acts as a host for TSE55-B and TSE80-B color touchscreens. The TSI-1-NA permits the WaveLinx Wired touchscreens to control any area on the WaveLinx Wired network. The TSI-1-NA can coordinate communications with up to 25 touchscreens on one network.

Mounting

TSI-1-NA must be installed in a suitable DINrail enclosure. Always mount in well ventilated location.



Typical Schematic



Software Specifications

For programming TSI-1-NA: WaveLinx Wired Software and TSE Designer software is required.

Electrical & Mechanical Specifications

Control: WaveLinx Wired network connection

Supply: +10 - 24V DC @ 750 mA Max (via external power supply)

Terminal Size: LCCP or LCCNP cable size: 5 x 1mm². Power cable size: 2 x 1mm²

Protection: Provided by installer

Recommended Cable: LCCP or LCCNP Network Cable

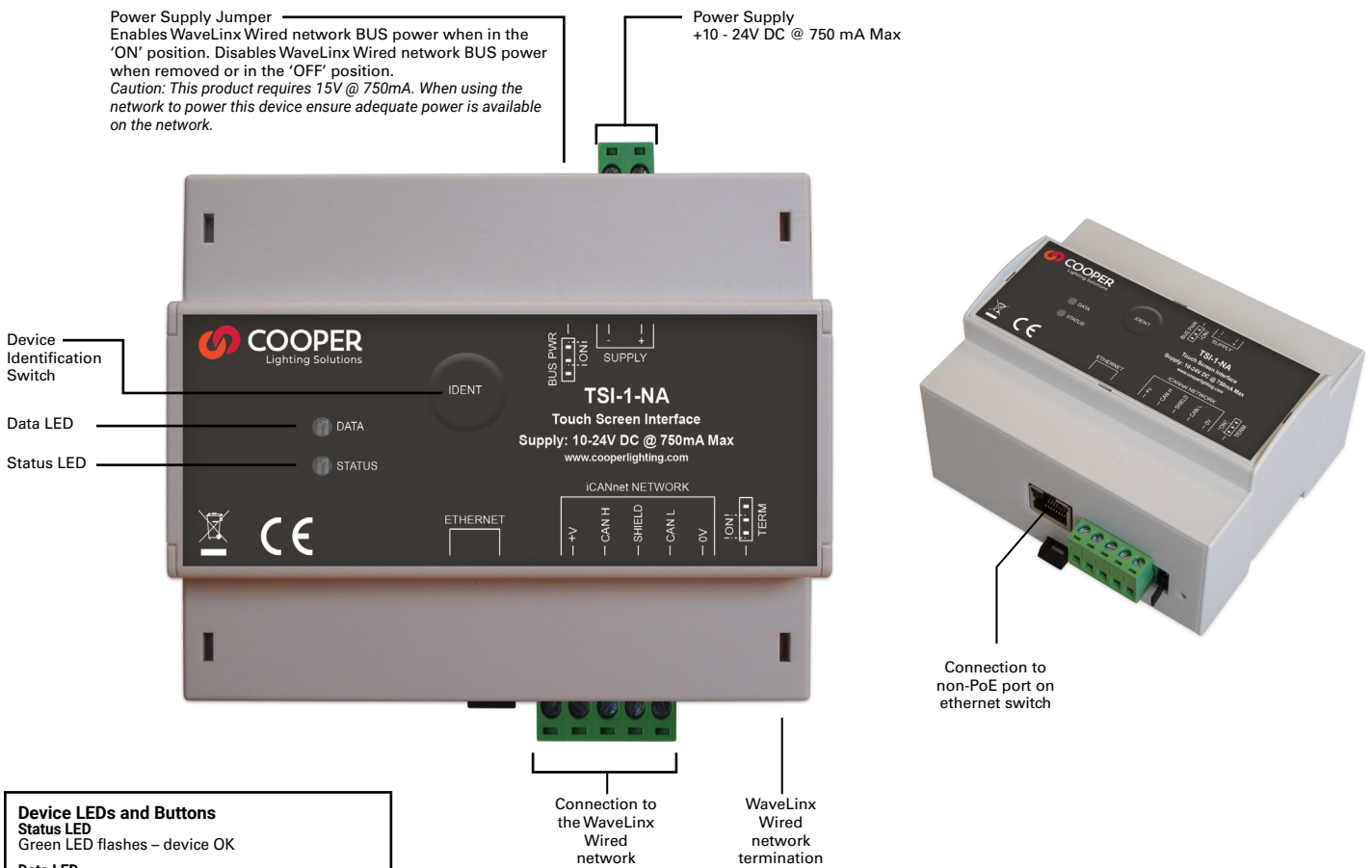
Ambient temperature: 2°C – 50°C

Relative humidity: 5% - 95% max, non-condensing

IP rating: IP20

Installation: Installation must be carried out by a suitably qualified electrician and installed in a suitable DINrail enclosure.

Dimensions: 6.1"W x 11.1"L x 2.8"D (155mm x 282mm x 71mm)



Device LEDs and Buttons

Status LED
Green LED flashes – device OK

Data LED
Red LED flashes when messages sent on network.

Device Identification
Press and release switch. Sending a message to identify the device on the network (red Data LED flashes).



RoHS

Warranties and Limitation of Liability

Please refer to www.cooperlighting.com for our terms and conditions.